

International Society for Photogrammetry and Remote Sensing Internationale Gesellschaft für Photogrammetrie und Fernerkundung Société Internationale de Photogrammétrie et de Télédétection



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Pr-18-780

21 February 2002

ICSU Secretariat
Grants Programme for 2003
51 Boulevard de Montmorency
75016 Paris
France

Re: IUGG application for grant to support AFREF Initiative

ISPRS full supports the initiative taken by the International Union of Geodesy and Geophysics, to develop AFREF, the continental reference system in Africa. Such reference systems are the foundations for all forms of mapping and spatial information on the physical environment. This reference system will contribute to wise environmental management in Africa, since it will enable the derivation of accurate locations of physical features and characteristics of the terrain surface by remote sensing, and their correlation with field observations. This is an essential aspect of the applications of remote sensing and geographic information systems (GIS). The reference system will therefore enable better analysis of the environmental issues that confront the continent and will aid in determining measures for remediation. In this regard, the reference is an essential component of sustainability of the environment.

The application receives the full support of ISPRS.

Yours sincerely.

John C. Trinder

President

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Jour. no. FAGS

Brussels, February 25, 2002

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ICSU Secretary
Grants Programme 2003
51 boulevard de Montmorency
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France

Concern: support to the AFRET project submitted by the International GPS Service.

Dear Sir.

The International GPS Service (IGS) has been created in 1996 and is the most active among the 12 FAGS Services.

IGS has a multinational membership and provides very precise GPS orbits and tracking data in support of geodetic and geophysical researches. The reliable data provided by IGS meets the demands of a wide range of applications and experimentations; its implementation in Africa is particularly appreciated because it will introduces this very efficient technology in developing countries and fulfil a gap in the world geodetic networks.

Sincerely yours,

P. PAQUET, President.

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21 February 2002

14/2/3

Prof. T Rosswall
The ICSU Grants Programme 2002
ICSU
51 Boulevard de Montmorency
75016 PARIS
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Fax: 09 33 1 4288-9431

Dear Prof. Rosswall

APPLICATION FOR ICSU GRANTS PROGRAMME FOR 2002

The National Research Foundation (NRF) as the National Adhering Organisation to ICSU supports and endorses the proposal on "Establishing a Continental Reference System in Africa — AFREF". Please find attached the signed formal "Request form for Financial Assistance" from the NRF as the supporting applicant.

Yours sincerely

Mr R Kriger

MANAGER: INTERNATIONAL SCIENCE LIAISON

Copy to Dr R Neilan



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Sir

ICSU SUPPORT FOR AFRICAN REFERENCE SYSTEM (AFREF)

I write to you on behalf of the representatives of the National Surveying and Mapping agencies of countries in Southern Africa who will benefit from the participation in the IAG supported AFREF project. The very many benefits of the project that will accrue to the region and the continent as a whole have been widely discussed and documented. These include the scientific and technological benefits, sustainable capacity building and the very practical benefits to regional and continental surveying, mapping, spatial data infrastructure and planning applications.

In discussions with a number of organizations and agencies it is clear that a great deal of assistance will be offered to the project in the form of either medium to long term loan or even donation of equipment, training and so on. It will still be necessary, however, to cover the costs of establishing permanent or semi-permanent GPS base stations and effective telecommunication links, data center development, organizing planning workshops, tutorials and data analysis training and the publication of results.

The initiative which the IAG has taken to apply through IUGG for a grant from ICSU to support the AFREF project for at least one year is fully supported and gratefully acknowledged by the Southern African community.

Yours sincerely

R. T. WONNACOTT

IAG National Correspondent: South Africa For / Chief Director of Surveys and Mapping

12 February 2002

Departement van Grondsake Kgoro ya tsha Naga Umnyango wezoMhlaba